

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/009572

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F21V19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F21V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/48606 A (3M INNOVATIVE PROPERTIES COMPANY; LEA, MICHAEL C; WRIGHT, JOHN C; HICK) 20 June 2002 (2002-06-20) page 5, line 1 - line 21 page 6, line 5 - line 12 page 11, line 31 - page 12, line 6 figures 1-8	1,3,5,7, 9,10
Y	-----	8
A	-----	4,6
X	US 2004/012763 A1 (YU CHUAN-PEI ET AL) 22 January 2004 (2004-01-22) page 1, paragraph 17 - paragraph 18 page 1, paragraph 20 figures 5B,5C,5F,5G	1,2,5,7, 10
A	-----	4,6
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

24 June 2005

Date of mailing of the International search report

04/07/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/001282 A (SAMSUNG ELECTRONICS CO., LTD; LEE, JEONG-HWAN; PARK, JONG-DAE; KIM, YO) 31 December 2003 (2003-12-31) page 5, line 15 - line 27 figures 1,2,5-10	1,2,4,7, 10
A	-----	5,6
X	DE 299 19 897 U1 (HENNINGER, THOMAS) 27 April 2000 (2000-04-27) page 2, line 9 - line 18 page 4, line 1 - line 3 figures 1a,1b,2a,3a,3b	1,2,5,7, 10
A	-----	3,4,6
X	DE 101 20 666 A1 (SITECO BELEUCHTUNGSTECHNIK GMBH) 2 October 2002 (2002-10-02) column 7, line 50 - line 57 column 8, line 1 - line 19 figures 1,4	1,2,4,5, 7,10
A	-----	6,8,9
Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 07, 3 July 2002 (2002-07-03) -& JP 2002 072202 A (FUJITSU LTD), 12 March 2002 (2002-03-12) abstract	8
A	-----	1-7,10

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/009572

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0248606	A	20-06-2002		AU 3951802 A CA 2428127 A1 CN 1479849 A EP 1350061 A2 JP 2004533085 T WO 0248606 A2 US 2004114371 A1		24-06-2002 20-06-2002 03-03-2004 08-10-2003 28-10-2004 20-06-2002 17-06-2004
US 2004012763	A1	22-01-2004	TW	567291 B		21-12-2003
WO 2004001282	A	31-12-2003		AU 2003243032 A1 WO 2004001282 A2		06-01-2004 31-12-2003
DE 29919897	U1	27-04-2000		NONE		
DE 10120666	A1	02-10-2002		NONE		
JP 2002072202	A	12-03-2002		NONE		